JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

sought on the invention entitl Dynamic Environments, the is attached was filed o use filed	led Aligned Composite Specification of which hereto. on as Application f applicable). under the Patent Coo	t inventors of the subject m Structures For Mitigation (Serial Number pperation Treaty (PCT) a	Of Impact Damage Andand wa	Resistance To Wear In
claims, as amended by any a	mendment referred to al		•	, ,
We hereby acknowl Code of Federal Regulations		e information which is mate	rial to patentability in a	ccordance with Title 37,
We hereby claim for patent or inventor's certificate certificate having a filing data	reign priority benefits un te listed below and have		s Code, § 119 of any for foreign application(s)	for patent or inventor's
Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. § 119
We hereby claim prolisted below:		tates Provisional Apple 35, United States Code,	§ 119(e)(1) of any U.S.	· • • • • • • • • • • • • • • • • • • •
U.S. Provisional Applica	tion No.	Date of Filing (day month year)		ty Claimed .S.C. § 119(e)(1)
60/251172	<u> </u>	December 4, 2000	,	Yes
We hereby claim the and, insofar as the subject mathe manner provided by the finformation as defined in Tit application and the national	e benefit under Title 35, utter of each of the claims irst paragraph of Title 35 le 37, Code of Federal F	5, United States Code, § 11 Regulations, § 1.56(a) whi	of any United States ap isclosed in the prior Un 2, we acknowledge the ch occurred between th	ited States application in duty to disclose material

BANNER X	WITCOFF	J

Application Serial No.

Status □ Patented,

Pending, Abandoned

Date of Filing

(Day, Month, Year)



Banner & Witcoff Ref. No. Client Ref. No.

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following at attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	GLEMBOCKI, Christopher R.	38,800	NELSON, Jon O.	24,566
BANNER, Donald W.	17,037	HANLON, Brian E.	40,449	NIEGOWSKI, James A.	28,331
BANNER, Mark T.	29,888	HEMMENDINGER, Lisa M.	42,653	PATEL, Binal J.	42,065
BANNER, Pamela I.	33,644	HONG, Patricia E.	34,373	PATHAK, Ajay S.	38,266
BECKER, Matthew P.	45,824	HOSCHEIT, Dale H.	19,090	PETERSON, Thomas L.	30,969
	,	HYMEL, Lin J.	45,414	POTENZA, Joseph M.	28,175
	,	IWANICKI, John P.	34,628	PRATT, Thomas K.	37,210
	•	JACKSON, Thomas H.	29,808	RENK, Christopher J	33,761
*		· ·	32,141	RESIS, Robert H.	32,168
•		KATZ, Robert S.	36,402	RIVARD, Paul M.	43,446
		KLEIN, William J.	43,719	ROBINSON, Douglas W.	32,751
•	•	LINEK, Ernest V.	29,822	ROKOS, Rebecca P.	42,109
	,	MALONE, Dale A.	32,155	SCHAD, Steven P.	32,550
•		MANNAVA, Ashok K.	45,301	SHIFLEY, Charles W.	28,042
, , ,		MAPLE, Marie-Claire B.	37,588	SHULL, Jason	47,085
•	,	McDERMOTT, Peter D.	29,411	SKERPON, Joseph M.	29,864
		McKEE, Christopher L.	32,384	VAN ES, J. Pieter	37,746
	•	McKIE, Edward F.	17,335	WITCOFF, Sheldon W.	17,399
· ·	,	MEDLOCK, Nina L.	29,673	WOLFFE, Franklin D.	19,724
,	,	MEECE, Timothy C.	38,553	WOLFFE, Susan A.	33,568
, -	,	MEEKER, Frederic M.	35,282	WRIGHT, Bradley C.	38,061
,	,	MILLER, Charles L.	43,805		
•	32,133	MITRIUS, Janice V.	43,808		
GARRETT, John R.	27,888	MOTTLEY, Darrell G.	42,912		
BECKETT, William W. BERGHAMMER, Joseph J. BODNER, Jordan BOSS, Aimee BUROW, Scott A. CALLAHAN, James V. CHANG, Steve S CLISE, Brian S. COHAN, Gregory J. COOPERMAN, Marc S. CURTIN, Joseph P. DAVID, Michael DeMOOR, Laura J. EVANS, Thomas L. FEDOROCHKO, Gary D. FERGUSON, Catherine A. FICKLER, Debra A. FISHER, William J.	18,262 46,057 42,338 47,437 42,373 20,095 42,402 47,497 40,959 34,143 34,571 44,642 39,654 35,805 35,509 40,877 46,699 32,133	HYMEL, Lin J. IWANICKI, John P. JACKSON, Thomas H. KAGAN, Sarah A. KATZ, Robert S. KLEIN, William J. LINEK, Ernest V. MALONE, Dale A. MANNAVA, Ashok K. MAPLE, Marie-Claire B. McDERMOTT, Peter D. McKEE, Christopher L. McKIE, Edward F. MEDLOCK, Nina L. MEECE, Timothy C. MEEKER, Frederic M. MILLER, Charles L. MITRIUS, Janice V.	45,414 34,628 29,808 32,141 36,402 43,719 29,822 32,155 45,301 37,588 29,411 32,384 17,335 29,673 38,553 35,282 43,805 43,808	POTENZA, Joseph M. PRATT, Thomas K. RENK, Christopher J RESIS, Robert H. RIVARD, Paul M. ROBINSON, Douglas W. ROKOS, Rebecca P. SCHAD, Steven P. SHIFLEY, Charles W. SHULL, Jason SKERPON, Joseph M. VAN ES, J. Pieter WITCOFF, Sheldon W. WOLFFE, Franklin D. WOLFFE, Susan A.	28,17: 37,210 33,76 32,160 43,440 32,75 42,100 32,550 28,044 47,08 29,86 37,740 17,39 19,72 33,56

All correspondence and telephone communications should be addressed to:

Rebecca P. Rokos, Esq. Banner & Witcoff, Ltd. Ten South Wacker Drive Chicago, Illinois 60606 Phone: (312) 715-1000

Customer Number: 22908 (CHG)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature		Date	
Full Name of Third Inventor	Mulligan,	Anthony	C.
	Family Name	First Given Name	Second Given Name
Residence Pima County, Tucson	, AZ	Citizenship <u>Unite</u>	ed States of America
Post Office Address 7944 Som	brero Peak Road, Tucson,	Arizona 85743	
Signature		Date	
Full Name of First Inventor	Rigali,	Mark	Ј.
	Family Name	First Given Name	Second Given Name
Residence Pima County, Tucson	ı. AZ	Citizenship Unite	ed States of America

The state of the s

Signature Date
Full Name of Second Inventor Sutaria, Manish P.
Family Name First Given Name Second Given Name

Residence Philadelphia County, Philadelphia, PA Citizenship United States of America

Post Office Address 2200 Ben Franklin Parkway, #W809, Philadelphia, Pennsylvania 19130

Signature Date______
Full Name of Fifth Inventor Popovich, Dragan

Family Name First Given Name Second Given Name

Residence Pima County, Tucson, Arizona Citizenship Serbia

Post Office Address 13601 South 44th Street, Phoenix, Arizona 85044